

NEETHU SISUPAL SD

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[LinkedIn](#) | [Github](#) | [Portfolio](#)

Hello, I'm Neethu Sisupal SD, a Master's student in Artificial Intelligence (M.Sc AI) with a Bachelor's in Computer Applications (BCA). I'm passionate about AI, Machine Learning, and innovative tech solutions, with strong communication skills and a keen interest in solving real-world problems. I'm actively seeking opportunities to apply my skills in AI-driven projects and grow in the tech industry.

EDUCATION

Master of Computer Science Specialization in Artificial Intelligence

- Department of Computer Science, University of Kerala
- 2023-2025 (Pursing)

Bachelor of Computer Application

- University Institute of Technology
 - 2020-2023 (Achieved 76%)
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PROJECTS

AI-Powered Image Captioning Bot using BLIP and Telegram | NLP | Deep Learning |

- Implemented an image caption bot and integrated it with Telegram using python and Deep learning.
- The bot made use of a Transformer based Vision Language Model(VLM) named BLIP for feature extraction and generation of caption .

Traffic-Density analysis using yolo v11 | YOLO | Deep Learning

- This project uses the YOLOv11 object detection model for real-time traffic analysis, allowing users to define an Area of Interest (AOI) for vehicle counting and classifying traffic intensity into four categories (No Traffic, Low, Medium, High).
- Key features include real-time processing, traffic logging, Excel export, and two usage modes: one-way draw for single-lane analysis and two-way static for predefined AOI traffic estimation.

Sales & Sentiment Analysis Dashboard | Power BI | Data Analytics

- Developed an interactive dashboard in Power BI for sales insights.
 - Collected and cleaned sales data using Python (Pandas, NumPy) for accurate visualization.
 - Implemented machine learning (Linear Regression) for predicting discounted prices based on ratings
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SKILLS

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|----------|----------------------|---------------------------|-------------------|
| • Python | • Data Visualization | • Machine Learning | • Trustworthy |
| • C/C++ | • Power BI | • Deep Learning | • Flexible |
| • DBMS | • Data Preprocessing | • Artificial Intelligence | • Creativity |
| • SQL | • SPSS | • Frontend Web Designing | • Time Management |
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CERTIFICATIONS

- DATA SCIENCE FOR ENGINEERS - issued by NPTEL
 - BUSINESS INTELLIGENCE USING POWERBI - issued by SkillNation
 - DATA ANALYSIS USING POWER BI - issued by SkillNation
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ADDITIONAL INFORMATION

- **Languages:** English, Malayalam,Hindi,Tamil
- **Awards/Activities:** National Service Scheme , Red Cross